

Converting Colors

Hex(42893E)

Have a look what the booklet for
Hex(42893E) contains.

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Color

Hex(42893E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 42893E |
| RGB | 66, 137, 62 |
| RGB Percent | 26%, 54%, 24% |
| CMY | 0.7412, 0.4627, 0.7569 |
| CMYK | 0.52, 0.00, 0.55, 0.46 |
| HSL | 117°, 38%, 39% |
| HSV | 117°, 55%, 54% |
| XYZ | 12.0619, 19.3974, 7.6658 |
| YIQ | 107.2210, -18.2410, -38.3770 |

Conversions

Conversions Part 2

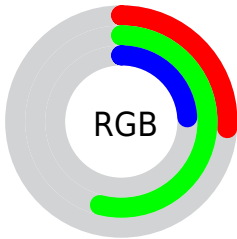
| Format | Color |
|-------------------------------------|--|
| RYB | 62, 137, 133 |
| Decimal | 4360510 |
| CIELab | 51.15, -38.17, 33.19 |
| CIELCh | 51, 50.583, 138.993 |
| Yxy | 19.3974, 0.3083, 0.4958 |
| Android (android.graphics.Color) | 4282550590 (0xFF42893E) |
| YUV | 107.2210, -22.2940, -36.1508 |
| Hunter-Lab | 44.0424, -28.1884, 20.5100 |

Details

The Hex color **42893E** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **853E89**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **78BF70**, and **00560E** is the 20% darker color. If you saturate the color by 10%, you get **358930**, and if you desaturate by 10%, it is **4F894C**.

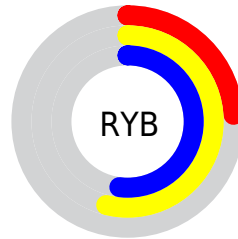
Distribution



Red (26%)

Green (54%)

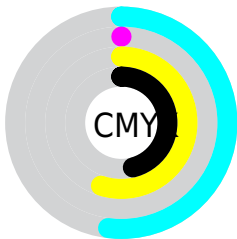
Blue (24%)



Red (24%)

Yellow (54%)

Blue (52%)

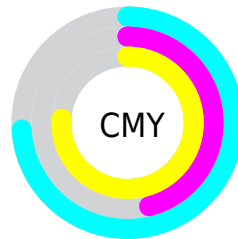


Cyan (52%)

Magenta (0%)

Yellow (55%)

Black (46%)



Cyan (74%)

Magenta (46%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42893E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 42893E by changing the saturation by 10% instead.



42893E



42893E

FFFFFF



266F26



78BF70



00560E



93DB89



003E00



AFF8A4



002900



CBFFC0



000800



E8FFDC



000000



FFFFFF8



42893E



42893E



358930



4F894C

 288923

 5C8959

 1B8915

 698967

 0E8907

 768975

 078900

 838983

 908990

 9D899E

 AA89AC

 B789B9

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



768020



42893E



008E68

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



42893E



0083CF



C85360

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



42893E



853E89

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



C0548C



42893E



5D75CC

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



42893E



008CBA



9E63B3



BB613A

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42893E



008F86



9E63B3



C8516F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



42893E



97B396



89843E



495948



D9D9D9



595959

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42893E



43B33D



3E895F



3E453E



078500



000500

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



853E89



AC3DB3



893E68



443E45



7E0085



050005

Previews

White Background



This preview shows how the Hex color 42893E looks on a white background.

Color Contrast Check

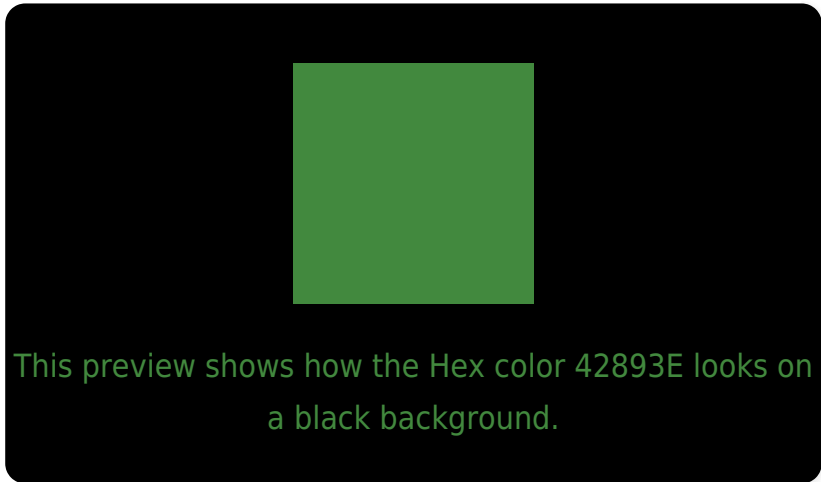
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

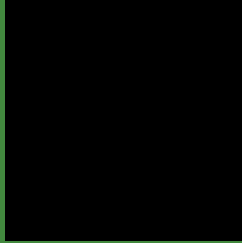
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 42893E Background



This preview shows how black text looks on a background with the Hex color 42893E.



This preview shows how white text looks on a background with the Hex color 42893E.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
42893E

Protanopia
867939

Deuteranopia
947444



Tritanopia
52818B

Trichromacy



Original Color
42893E

Protanomaly
6D7F3B

Deuteranomaly
767C42

Tritanomaly
4C846F

Monochromacy



Original Color
42893E

Achromatopsia
6B6B6B

Achromatomaly
5C765B

CSS Examples

Text

The CSS property to change the color of the text to Hex 42893E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #42893E looks like.

```
.text, #text, p{  
    color:#42893E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #42893E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42893E
}
```

Border

The CSS property to change the border of an element to Hex 42893E is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42893E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#42893E }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #42893E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42893E; -webkit-box-shadow:4px 4px  
4px 4px #42893E; box-shadow:4px 4px 4px  
4px #42893E }
```

Background

The CSS property to change the background color of an element to Hex 42893E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42893E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#42893E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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